

Title (en)

METHOD AND DEVICE FOR IDENTIFYING SINGLE GROUND FAULTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ERKENNUNG VON ERDSCHLUSSFEHLERN IN EINER EINZIGEN PHASE

Title (fr)

PROCEDE ET APPAREIL D'IDENTIFICATION DES DEFAUTS DE TERRE SUR UNE SEULE PHASE

Publication

EP 0721687 B1 19980128 (EN)

Application

EP 94929072 A 19940928

Priority

- SE 9400892 W 19940928
- SE 9303186 A 19930930

Abstract (en)

[origin: WO9509467A1] A method and a device for identifying, when a fault has been detected in a power network, single-phase to ground faults by determining for each phase an auxiliary current based on the present phase current, ground fault current and ground current. If the difference between two consecutive, calculated values of the auxiliary current in some phase is smaller than a predetermined limit value, this means that there is a single ground fault in this phase.

IPC 1-7

H02H 3/16

IPC 8 full level

H02H 3/16 (2006.01)

CPC (source: EP US)

H02H 3/165 (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 9509467 A1 19950406; CA 2170383 A1 19950406; CA 2170383 C 20030107; DE 69408331 D1 19980305; DE 69408331 T2 19980903; EP 0721687 A1 19960717; EP 0721687 B1 19980128; SE 501934 C2 19950626; SE 9303186 D0 19930930; SE 9303186 L 19950331; US 5764064 A 19980609

DOCDB simple family (application)

SE 9400892 W 19940928; CA 2170383 A 19940928; DE 69408331 T 19940928; EP 94929072 A 19940928; SE 9303186 A 19930930; US 60498196 A 19960301